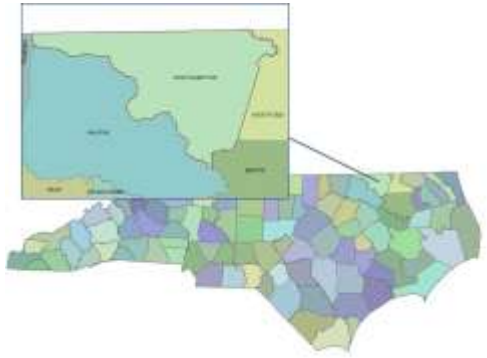

Northampton County

Contaminant	Number of wells tested	Minimum	Maximum	Average	Maximum Contaminant Level (MCL) * Secondary MCL	Units	Number of wells tested above MCL	Percentage of wells tested above MCL	Number of wells below MCL	Percentage of wells tested below MCL
1,2-Dibromomethane	Not Tested	0	0	0	0.05	µg/L	0	Not Tested		
1,2-Dichloropropane	Not Tested	0	0	0	5	µg/L	0	Not Tested		
Arsenic	340	0	44	1.4	10	µg/L	3	0.88%		
Barium	115	50	50	50	2,000	µg/L	0	0.00%		
Benzene	Not Tested	0	0	0	5	µg/L	0	Not Tested		
Cadmium	115	0	2.5	0.8	5	µg/L	0	0.00%		
Chromium	114	5	100	7.8	100	µg/L	0	0.00%		
cis-1,2-Dichloroethene (c-DCE)	1	0.25	0.25	0.25	70	µg/L	0	0.00%		
Copper	339	0	3,870.00	93.90	1,300*	µg/L	2	0.59%		
Ethylbenzene	Not Tested	0	0	0	700	µg/L	0	Not Tested		
Fluoride	380	100	2,050.00	194.10	4,000*	µg/L	0	0.00%		
Iron	337	0	14,400.00	522.70	300*	µg/L	83	24.63%		
Isopropyl Ether	Not Tested	0	0	0	No drinking water standard	µg/L				
Lead	349	0	108	3.8	15	µg/L	8	2.29%		
Magnesium	339	2,800	2,800.00	2,800.00	No drinking water standard	µg/L				
Manganese	340	0	750	48.3	50*	µg/L	76	22.35%		

Contaminant	Number of wells tested	Minimum	Maximum	Average	Maximum Contaminant Level (MCL) * Secondary MCL	Units	Number of wells tested above MCL	Percentage of wells tested above MCL	Number of wells below MCL	Percentage of wells tested below MCL
Mercury	107	0.3	0.3	0.3	2	µg/L	0	0.00%		
Methyl tertiary butyl ether (MTBE)	1	0.25	0.25	0.25	20* (recommended taste and odor threshold)	µg/L	0	0.00%		
Nitrate	79	500	30,130.00	3,520.60	10,000	µg/L	0	0.00%		
Nitrite	83	50	50	50	1,000	µg/L	0	0.00%		
pH	339	4.3	11.6	6.7	6.5-8.5*	standard units	8	2.36%	149	43.95%
Selenium	115	0	2.5	2.5	50	µg/L	0	0.00%		
Silver	114	25	25	25	100*	µg/L	0	0.00%		
Sodium	34	2,300	160,000.00	13,858.80	No drinking water standard	µg/L				
Tetrachloroethylene (PCE)	1	0.25	0.25	0.25	5	µg/L	0	0.00%		
Toluene	Not Tested	0	0	0	1,000	µg/L	0	Not Tested		
trans-1,2-Dichloroethene (t-DCE)	1	0.25	0.25	0.25	100	µg/L	0	0.00%		
Trichloroethylene (TCE)	1	0.25	0.25	0.25	5	µg/L	0	0.00%		
Vinyl chloride	1	0.25	0.25	0.25	2	µg/L	0	0.00%		
Xylenes (Total)	Not Tested	0	0	0	10,000	µg/L	0	Not Tested		
Zinc	335	0	1,900.00	93.70	5,000*	µg/L	0	0.00%		

* **Secondary MCL**: Secondary contaminants may cause cosmetic effects (such as skin or tooth discoloration) or aesthetic effects (such as taste, odor, or color) in drinking water.[8] The **Secondary Maximum Contaminant Level (SMCL)** is a non-enforceable standard for secondary contaminants in drinking water. SMCLs may be based upon a contaminant's likelihood to cause changes to the taste, odor, or color of drinking water, or, may be based on the likelihood of the contaminant to cause technical changes such as damage to water fixtures or an increased availability of other contaminants in drinking water.[8]

Tracking and Analyzing Contaminants (TrAC) in Private Well Water in NC

UNC Superfund Research Program- Research Translation Core

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